

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **11-196342**

(43)Date of publication of application : **21.07.1999**

(51)Int.Cl. **H04N 5/44**

H04N 5/63

// **H04H 1/00**

H04N 7/16

H04N 7/20

(21)Application number : **09-368945**

(71)Applicant : **MATSUSHITA ELECTRIC IND CO LTD**

(22)Date of filing : **26.12.1997**

(72)Inventor : **KAWAGUCHI TORU
TSUKIDATE RIYOUTA
TAKEUCHI YOSHIYASU**

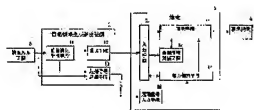
(54) SENDER AND TERMINAL

(57)Abstract:

PROBLEM TO BE SOLVED: To reduce power consumption when a receiving terminal for digital TV broadcasting is in a stand-by state and to make it possible to receive emergency broadcasting also at the time of stand-by state.

SOLUTION: A program information generating/sending device 1 for digital TV broadcasting such as satellite broadcasting is provided with a start signal sending means 13 for directly informing of the existence of a program change or emergency broadcasting by a method (an FM/AM wave, a telephone line, a power line, etc.), other than a broadcasting route such as a satellite wave.

A receiving terminal 2 is provided with a start signal input means 24 for receiving the information. An input means 21 is started by a start signal through a power control means 25. The input means 21 monitors information to be inputted and receives changing information on a reserved program or emergency broadcasting. When program information already recorded in a program information storage means 23 has to be updated, the information is updated. After the end of acquisition and updating of necessary information, power supply to the input means 21 is stopped. When there is information for informing of emergency broadcasting,



power supply to a display means is started to display the contents of the emergency broadcasting on a display device.